

City of Coalinga

155 W. Durian

Coalinga, CA 93210

Fire Engineer

Pay Class: 22 Fire

FLSA Non-Exempt

DEFINITION

Under general supervision of a Fire Captain, performs a variety of advanced fire fighting duties relating to protecting the life and property of city and county residents; drives, operates and maintains fire apparatus and ambulances in responding to fires and medical calls. Assumes responsibility of the Fire Station activities in the absence of a senior ranking officer; performs related work as required.

EXAMPLES OF ESSENTIAL DUTIES

NOTE: Examples listed in this class specification represents but is not necessarily exhaustive or descriptive of duties assigned to this position. Each individual in this classification may not necessarily perform all the duties listed. Management reserves the right to assign other related tasks if such duties are a logical assignment for this position.

- In addition to the duties and performance requirements of Firefighter EMT/Paramedic, responds to fires and other emergency alarms by driving fire and ambulance equipment to required locations.
- Performs routine tests, inspections, and servicing functions so that the operational status of fire department pumpers, aerial apparatus, wildland fire apparatus, mobile water supply apparatus and ambulances are verified according to manufacture's specifications and department policies and procedures.
- Operate, maintain and service all fixed systems and equipment on all fire apparatus in accordance with manufacturer's specifications and instructions, and departmental policies and procedures for the systems and equipment so that each system or piece of equipment is operated in accordance the applicable instructions and policies.
- Produce effective hand, master and aerial streams so that the pump is engaged, all pressure control and vehicle safety devices are set, the rated flow of the nozzle is achieved and maintained, and the apparatus is continuously monitored for potential problems.
- Operate, maneuver and position aerial apparatus within fire department policies and procedures and manufacture's specifications related to reach, tip load, angle of inclinations, and angle from chassis axis; effects of topography, ground, and weather condition on deployment and use of the aerial device.
- Effectively operate at all levels in the Incident Command System (ICS) utilized by the City of Coalinga Fire Department
- In the absence of the Fire Captain and functioning as the Officer-In-Charge (OIC) assumes

responsibility over firefighters and reserve personnel in deciding courses of action and proper methods and techniques to use.

- Participates in “Life Safety and Fire Code” inspections to identify hazards and address violations and assists with fire investigations to determine preliminary cause.
- Participates in the maintenance of fire department facilities, buildings and grounds, fire hydrants, alarms systems, office and medical equipment.
- Participates in all fire drills and training exercises while on duty.
- Completes department records and reports.
- Responds to fire or ambulance calls during non-duty hours.
- Performs other duties as assigned.

DESIRABLE QUALIFICATIONS

NOTE: *The specifications listed below outline the desirable qualifications necessary for entry into the class and do not necessarily convey the qualifications of incumbents within the position.*

Education: Equivalent to completion of the twelfth grade; a minimum of nine (9) units of Fire Science courses.

Experience: Two (2) years of full-time firefighting experience, including two (2) years as an ambulance attendant.

Licenses: Valid California Drivers License, Class B; must be insurable under the City’s insurance policy without the City incurring any additional premiums or costs.

Certifications: Emergency Medical Technician (EMT 1-A) or Paramedic; Cardio Pulmonary Resuscitation (CPR); and effective:

January 1, 2009:

- Intermediate Incident Command: 100,200 and 300
- SFM Fire Command 1A and Fire Command 1B
- Completion of Fire Apparatus Driver/Operator 1A and 1B

Other: Must be a U.S. citizen or legal resident alien; and pass a thorough background investigation, psychological evaluation, a physical examination with drug test and twelve month probation.

NOTE: *It is the employee’s responsibility to renew all applicable license(s). The City will reimburse the employee for any required training expenses.*

KNOWLEDGE, SKILLS AND ABILITIES

NOTE: *The following are a representative sample of the KSA’s necessary to perform essential tasks of the position.*

Knowledge of:

The organizational structure of the department; geographical configurations and characteristics of

response districts; departmental operating procedures for administration, emergency operations, incident management systems; working knowledge of fire fighting methods, techniques, and procedures; fire fighting equipment types and varieties and their most appropriate and effective use; equipment maintenance and care; state and local codes, laws, and regulations, and ordinances related to fire prevention; fire vehicle equipment; emergency medical techniques and procedures and first-aid; working knowledge of emergency radio, pager, phone, personal computer and other emergency/office equipment; training methods and techniques; and interpersonal communication skills.

Skill and Ability to:

Operate emergency medical air units, fire apparatus, fire pumps, hoses, ladders and first aid equipment; skillfully drive and operate fire fighting and ambulance equipment under varying conditions; compute engine and nozzle pressures; read and understand information relating to fire fighting methods and equipment, and apply such information to specific situations and to local requirements; follow detailed verbal and written instructions with minimum supervision; work in dangerous emergency situations; perform strenuous physical labor; communicate effectively, verbally and in writing; assimilate modern fire prevention and fire fighting skills; perform under extreme weather conditions; work on call and on shift work; and develop effective working relationships with supervisors, fellow employees and the public.

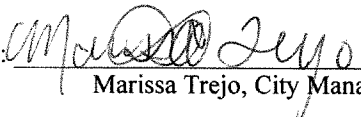
ATTITUDE

Characterized by initiative, commitment to teamwork and quality performance, and a customer-service orientation; must interact in a positive manner with City employees and the public.

PHYSICAL AND PSYCHOLOGICAL REQUIREMENTS

NOTE: The physical and psychological demands described herein are representative of those that must be met by an employee to successfully perform the essential duties of this classification. Reasonable accommodations may be made to enable an individual with qualified disabilities to perform the essential functions of this job, on a case-by-case basis.

Perform work within the fire station environment and outdoors in a life threatening, hostile environment during emergency operations; lift and carry heavy equipment, such as a standard 24-foot fire service aluminum ladder weighing 60 pounds and half (1/2) of a 35 foot fire service aluminum ladder weighing 135 pounds. Must be able to lift and carry people, such as half (1/2) of the weight of a gurney weighing 81 pounds plus the average weight of a male adult weighing 196 pounds plus the 02 unit (bag) weighing 25 pounds for a total weight of 151 pounds. Endure periods of extreme heat and physical exertion; and enter burning areas and other hazardous situations. Ability to stand, sit, walk, talk and hear; climb, balance, stoop, kneel, crouch, crawl and smell; use hands and fingers to handle and operate objects, tools, controls, etc; reach with hands and arms; and perform frequent, repetitive motions with hands, wrists and arms. Mental application uses memory for details, verbal instructions, emotional stability, discriminating thinking and creative problem solving. Individual must exercise good judgment and be flexible and sensitive in response to changing situations and needs.

Approved by  10/24/23
Marissa Trejo, City Manager Date